www.flashstart.com

FlashStart®
INTERNET PROTECTION

[Webinar]
Add DNS security
To your Mikrotik Router

Speaker

Francesco Collini - Ceo FlashStart
Marco Boschini - Trainer Mikrotik

About FlashStart

- FlashStart, a leading global company, among the most advanced in the world in the field of Cyber Security and DNS filtering.

  - It was born from the **great passion for Internet security** of a team of experts in the IT world.

Corporate Mission

**Bring DNS security,
malware protection and content filter
to the outside world!**

Tens of millions of people
protected around the world

Chosen by more than
700 Partners

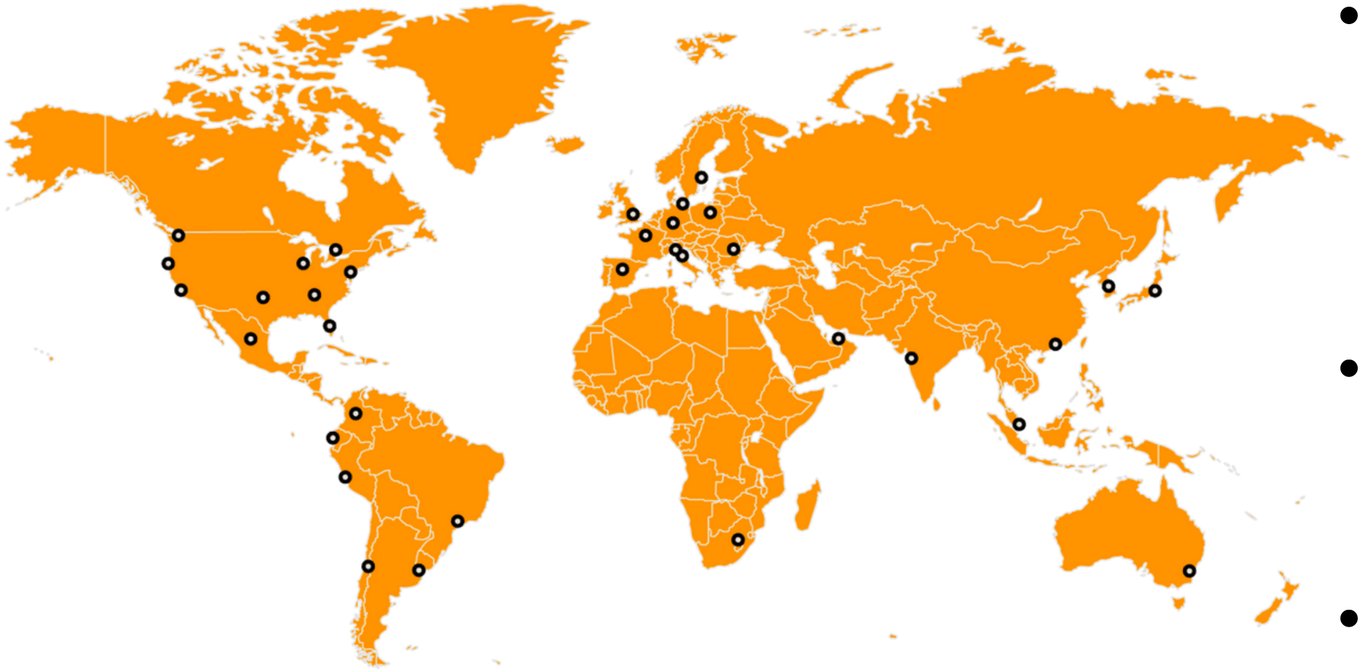
Distributed in over
156 countries

Billions of accesses
protected per day

Millions of threats
blocked per day

Global anycast network

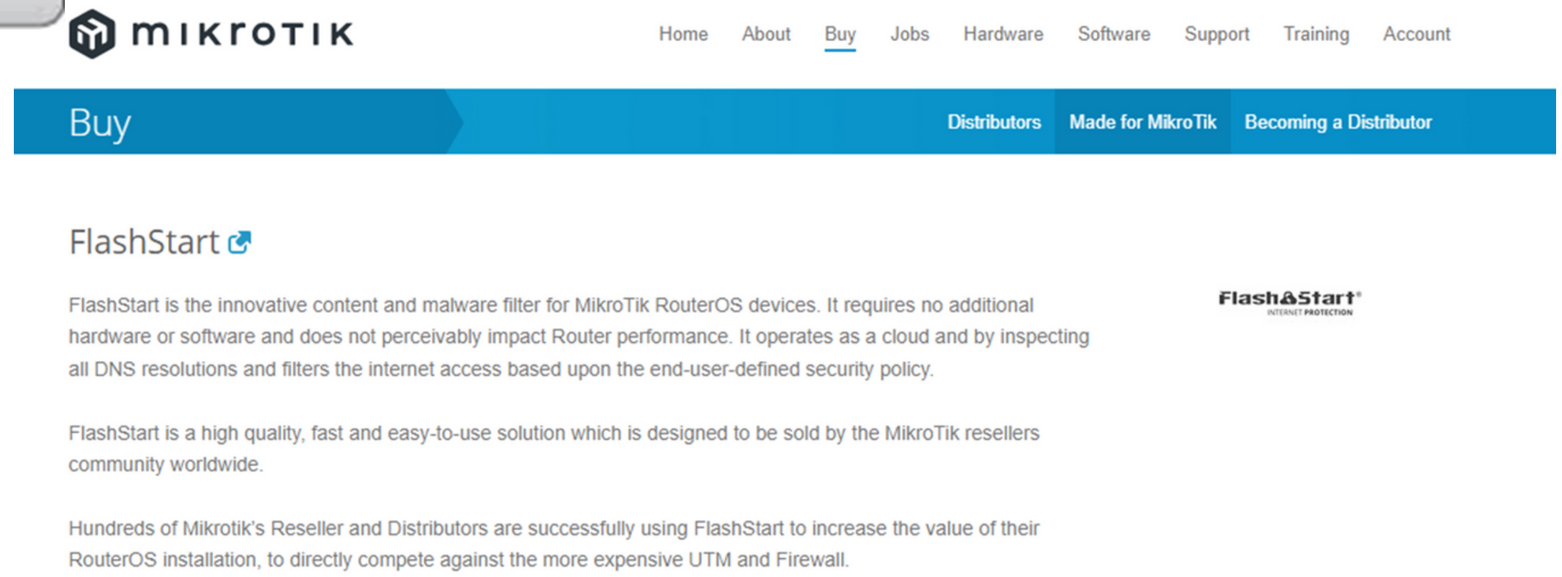
FlashStart emphasizes security and the choice to deploy its services on a top-notch **Anycast network**.
Anycast is a network technique that guarantees high service availability, such as fault-tollerance and backup routes.
It guarantees an **Up time 99.62%** on average (source: Dnsperf.com) and very low latency in response, 24×7 monitoring of the platform and **carriers with very high Tier-1 reliability**.



- **NORTH AMERICA**
  - Seattle
  - Silicon Valley
  - Toronto
  - Chicago
  - New York
- **SOUTH AMERICA**
  - Bogotà
  - Quito
  - Lima
  - San Paolo
  - Santiago de Chile
  - Buenos Aires
- **EUROPE**
  - Stockholm
  - Amsterdam
  - Warsaw
  - London
  - Frankfurt
  - Milan
  - Bologna
  - Madrid
  - Paris
  - Bucharest
- **AFRICA**
  - Johannesburg
- **ASIA**
  - Tokyo
  - Dubai
  - Mumbai
  - Singapore
  - Seoul
  - Hong Kong
- **OCEANIA**
  - Sydney

Made for Mikrotik!

The FlashStart platform reaches the MFM Made for Mikrotik certification years ago!



PRODUCT LINES

Pro & ProPlus

In the **Pro version**, AI-based DNS filtering protects Internet browsing from content and malware attacks, and provides clear and **comprehensive reports** in **compliance** with territorial laws. The **ProPlus** version, in turn, has, in addition, integration with **Microsoft's MS-Active Directory** (a configurable granular protection for users and groups), **APP Blocker** function, **IP Blocking**, and advanced Remote End-Point support (PC, tablet and mobile compatible).

Features	Pro version	ProPlus version
Parental Control	✓	✓
Protection against malware	✓	✓
Geoblocking & Safe Search engine	✓	✓
Traffic reporting and analysis	✓	✓
Multi-tenant dashboard	✓	✓
Compliant with regulations	✓	✓
Secure DNS (DoH & DoT)		✓
App Blocker		✓
IP - Blocking		✓
MS Active Directory synch		✓
On-premise local DNS cache		✓
Granular filter for users/groups/machines		✓
End-Point Agent and Smartphone (ClientShield)		✓

ISP, WISP e Telco

FlashStart **Lite** and **Premium** for ISPs, WISPs and Telcos is designed for Residential and SOHO Customers, offers content and malware filtering at a **highly competitive price**. FlashStart Lite and Premium **optimize bandwidth utilization**, offer a local DNS cache (Cloud Box), keep public IPs clean, and offer multi-threading by allowing differentiated policies.

Features	Lite	Premium
Parental Control	✓	✓
Protection against malware	✓	✓
Geoblocking & Safe Search engine	✓	✓
Traffic reporting and analysis	✓	✓
Compliant with regulations	✓	✓
App Blocker		✓
IP - Blocking		✓
On-premise local DNS cache		✓
Premium support with remote assistance		✓
Data export		✓
Personal RPZ blacklist		✓

ADVANCED FEATURES

Artificial intelligence

Currently, **FlashStart's Artificial Intelligence** boasts:

» **90% percentage** of correctly predicted domains;
» blocks sites with insignificant content;
» supports 24 languages;
» + 10 recognized alphabets;

Malware protection

«42% of computers are vulnerable to malware."

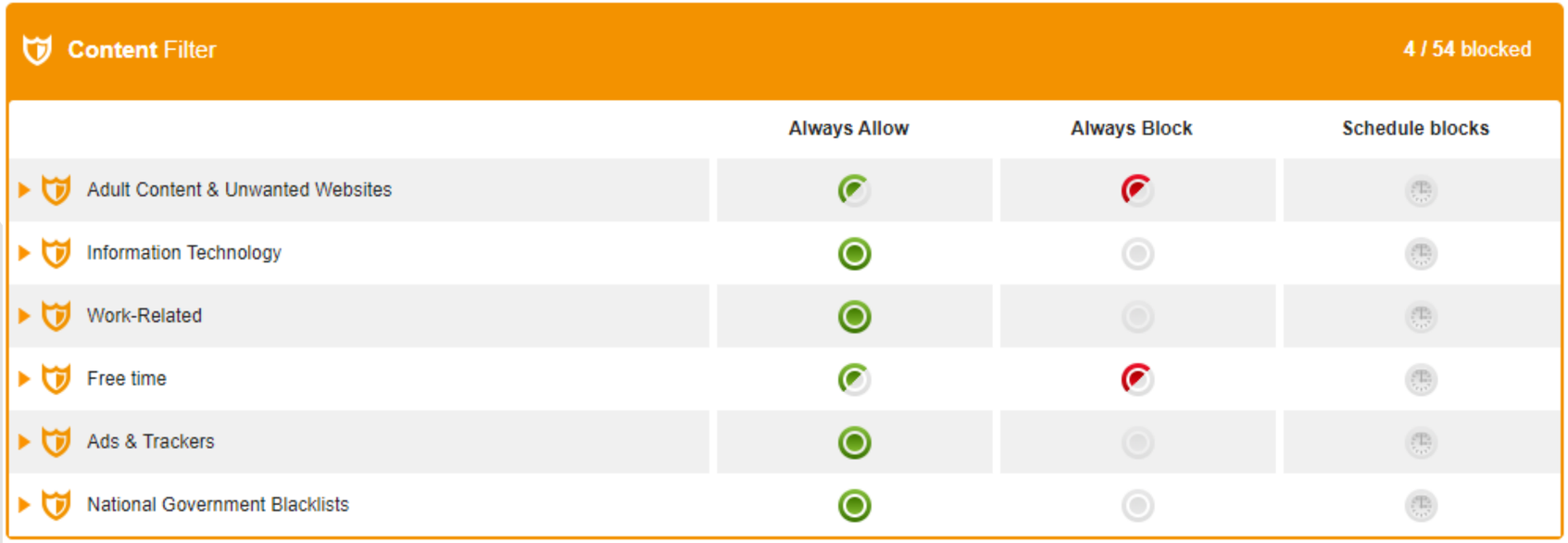
» + than **1 million** malware are blocked every day.
» + than **190 million** sites already surveyed.
» **Blocking capabilities** for new domains deemed dangerous.
» **Updating** lists of suspicious and dangerous domains in real time.

Content filtering

» **AI continuously scans** the web and the new domains, classifying them into more than 100 categories;

» **prevents access**:
- social media
- online advertising
- adult sites
- gambling

» **filters** by time slot, user types or groups.

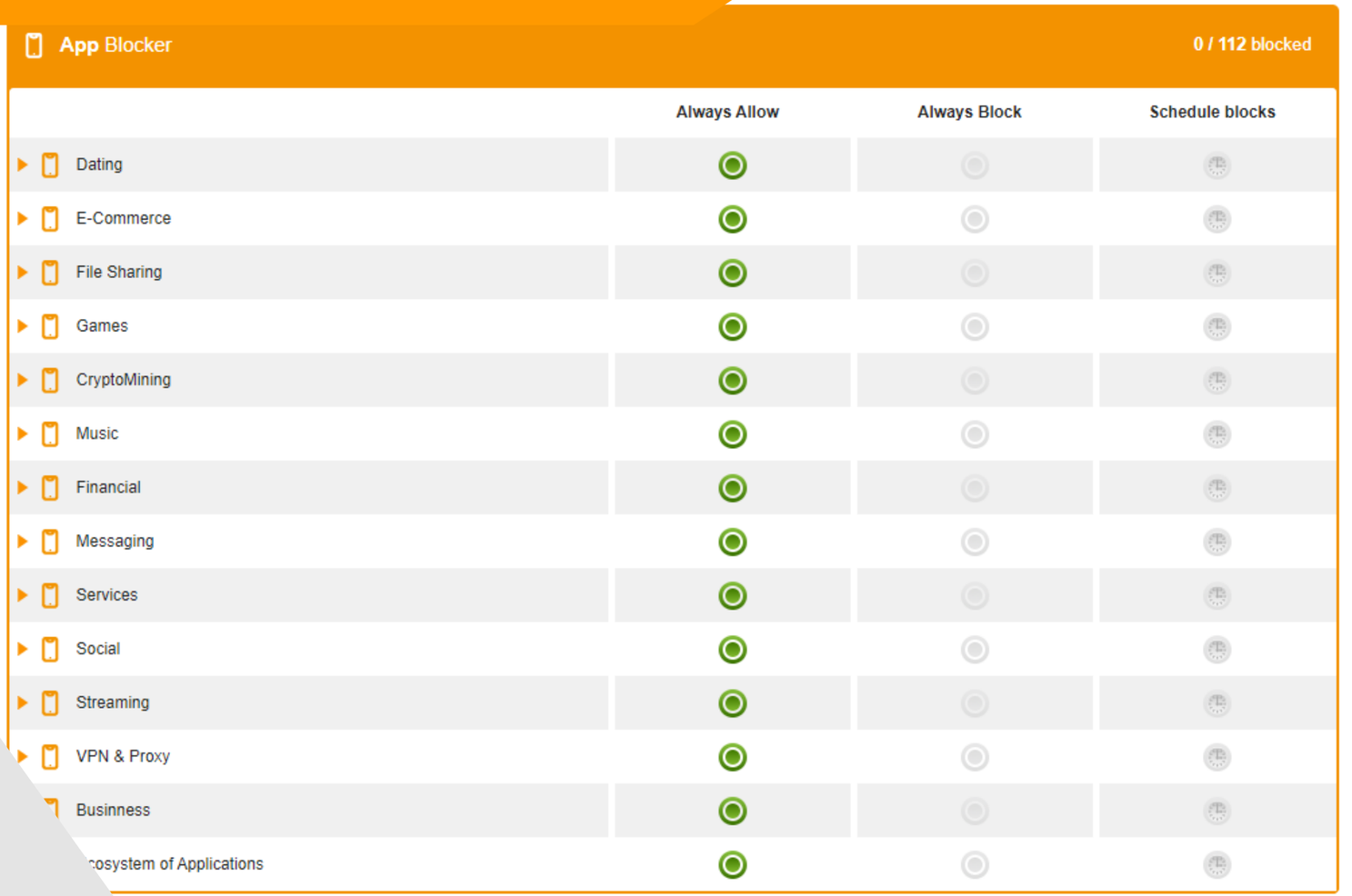


APP Blocker

Through **blocking applications** it is possible to exclude such as:

» video games
» music
» dating apps
...and much more.

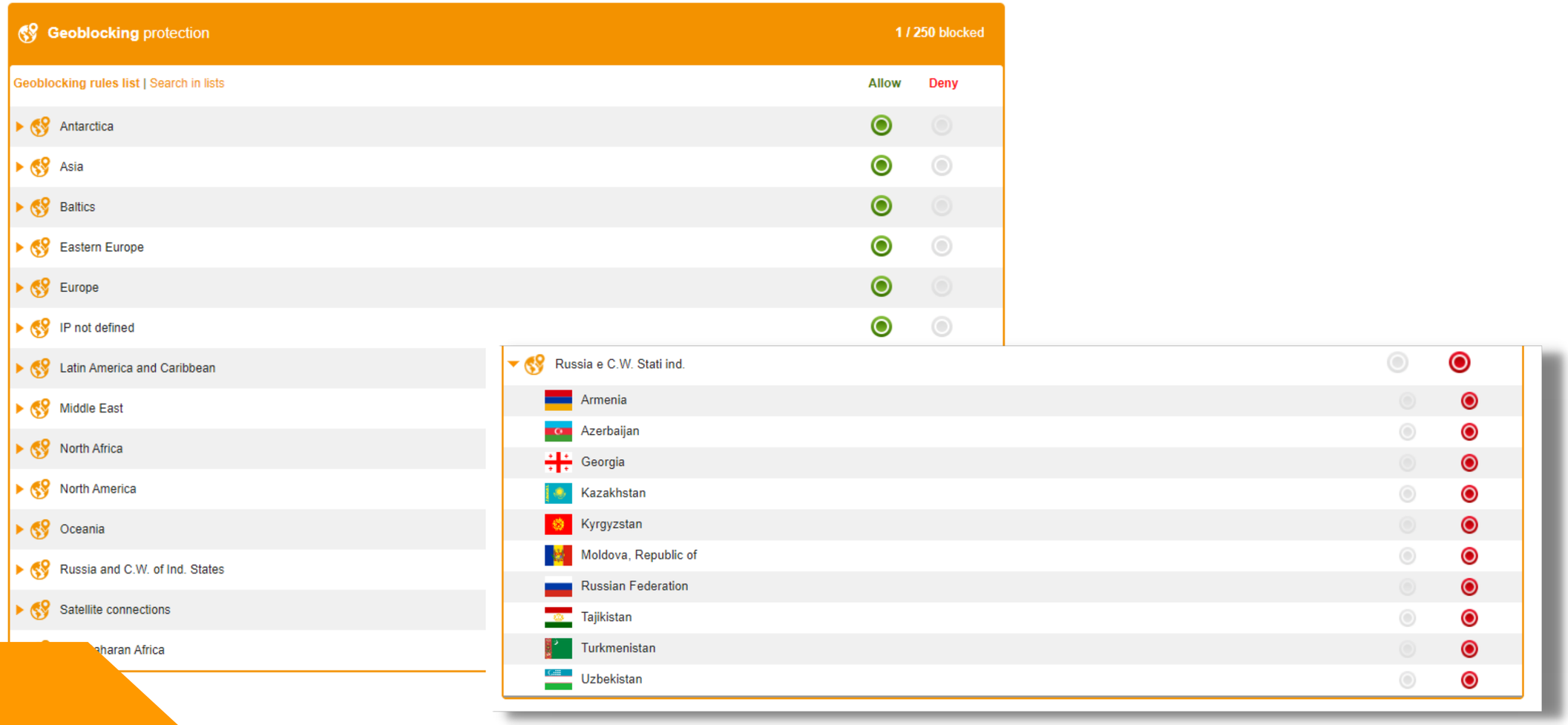
We can **block apps** deemed most dangerous according to the user and unblock those deemed non-offensive.



Geo-blocking

FlashStart, in addition to protection based on system categories, has another unique weapon at its disposal: g**eo-blocking**.

Technically, this is a geographical protection that prevents **DNS resolution** of sites when the corresponding IP address is physically located in one of the **countries selected by the network administrator**.



Solutions for *every industry*

FlashStart's Partners

- Resellers / MSP
- ISPs & WISPs
- Distributors & OEM

End-User served by Partners

- Companies
- PA
- Schools & No profit

30%
40%
10%
min 0.5
1.6
1.3
min
max 1.6
max
Jan
Feb
Mar
Apr
May
Jun
Jul
Aug
Sep
Oct
Nov
Dec

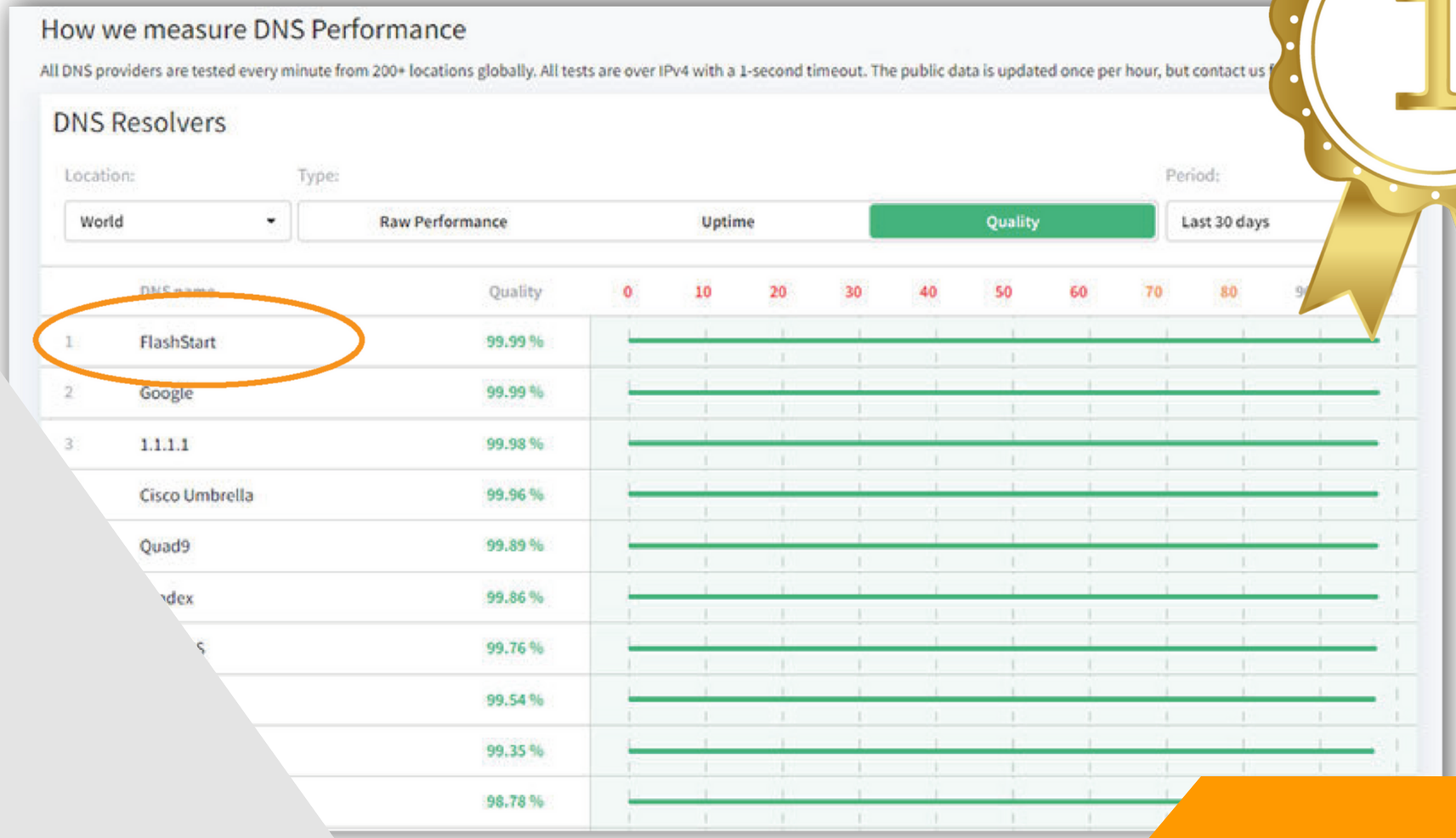
SCORES

Certification on IT Review Portals

FlashStart, a European company with an international flair is certified on the major cutting-edge technology review portals, managing to **compete with the big American giants**.
Our DNS Filter possesses excellent ease of use, **a competitive price/quality ratio and exceptional customer service.**

www.flashstart.com

DNS Resolver Global Leader in Quality



FlashStart, a European company with international flair is certified on the independent benchmark Dnsperf **as the #1 DNS Resolver in quality worldwide!**

Ahead of such great giants as:

» **Google**
» **1.1.1.1**

Among Top 3 DNS Resolvers Fastest in the World

FlashStart, a European company with international flair is certified on the independent benchmark Dnsperf as among **the top 3 fastest DNS Resolvers worldwide!**

Ahead of such great giants as:

» **Google**
» **Cisco Umbrella**

How we measure DNS Performance

All DNS providers are tested every minute from 200+ locations globally. All tests are over IPv4 with a 1-second timeout. The public data is updated once per hour, but contact us for real-time data.

AUTHORITATIVE DNS PROVIDERS | PUBLIC DNS RESOLVERS | DNS ROOT SERVERS

DNS Resolvers

Location: World | Type: Raw Performance | Uptime | Quality | Period: Last 30 days

	DNS name	Query Speed
1	1.1.1.1	16.59 ms
2	DNSFilter	16.93 ms
3	FlashStart	18.83 ms
4	Google	21.02 ms
5	NextDNS	21.56 ms
6	Cisco Umbrella	22.76 ms
7	Neustar	26.16 ms
8	Quad9	27.59 ms
9	G-Core	30.13 ms

0 20 40 60 80 100 120 140 160 180 200

www.flashstart.com

FlashStart®
INTERNET PROTECTION

FlashStart Group

web	flashstart.com
mail	info@flashstart.com
Youtube	FlashStart Internet Protection
Linkedin	FlashStart Group